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Client's Ref No.: Z-293

## **ABSTRACT**

An analysis method for analyzing height-scanning interferometry data from a test surface, the method including: calculating a coherence profile and a phase profile for the test surface based on the data; calculating an experimental phase gap map based on a difference between the phase profile and the coherence profile; filtering the experimental phase gap map to remove noise; and using the filtered phase gap map to improve an estimate for a height profile of the test surface.